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CIAIMS

- Convertible embossing device comprising a structure (I) with two fixed sides (10) and two mobile sides with respective external faces (EF. 5 internal faces (IF, IM) and provided with, correspondence of the respective internal faces and two lower two upper recesses (12, 13) recesses (12', 13') with a circle-arc profile intended the end flanges (20, 30) of the support 10 embossing rolls (2, 3) orthogonal to the sides of the same structure (1), wherein the mobile sides (11) are joined to the fixed sides connected to corresponding handling means characterized in that, in a first operating position, 15 the mobile sides (11) are approached to the fixed sides (10) and the respective upper and lower recesses (12, 13, 12', 13') define, by cooperating with one another, two pairs of circular seats for the flanges of said rolls (2, 3), and in that, 20 second operating position, the mobile sides (11) are distanced from the fixed sides (10) and the upper recesses (12, 13) of said sides (10) and (11) define, each one by cooperating with corresponding circular closure flanges (15, 16), two pairs circular seats for the flanges (20, 30) of said rolls 25 (2, 3).
 - 2. Embossing device according to claim 1 characterized in that it comprises handling means for the embossing rolls (2, 3) with three driving shafts (9, 90, 91), two (9, 90) having the respective axes passing through
- two (9, 90) having the respective axes passing through the center of the recesses (12, 12') in the fixed sides (10), the third one having the respective axis at a preset distance from the other two.
- 3. Embossing device according to claim 1 characterized in that said mobile sides (11) are hinged to said

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fixed sides (10) by means of hinges (4) having axis parallel to the axis of the embossing rolls (2, 3).

4. Embossing device according to claims 1 and 3 characterized in that said mobile sides (11) are connected to two actuators (5) which make them rotate in relation to the fixed sides around the axis of said hinges (4).

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- 5. Embossing device according to claim 1 characterized in that it comprises a sizing unit (7) supported by the fixed sides (10) of the structure (1) at the same height as the upper recesses (12) of the same fixed sides (10).
 - 6. Embossing device according to claim 2 characterized in that said driving shafts (9, 90, 91) are connectable to said rolls (3) by means of corresponding laminar joints (T).
 - 7. Embossing device according to claim 2 characterized in that it comprises a selector to arrange only two driving shafts at the time in a position where they engage said rolls (2, 3).